

Message

From: Welch, Kara [welch.kara@epa.gov]
Sent: 2/8/2022 8:17:02 PM
To: Ortiz, Nina [Ortiz.Nina@epa.gov]; Striegel, Wiebke [Striegel.Wiebke@epa.gov]; Kirk, Cassandra [kirk.cassandra@epa.gov]
Subject: Oxitec revised section g
Attachments: Sections A-G_Combined_OX5034_4Feb22_DRAFT.docx

Hi Nina, Cassie, and Wiebke,

I wanted to bring your attention to the new language in the Section G following our discussion with Oxitec regarding the EUP. I've attached the EUP here and all updates from the applicant are in track changes. The pertinent one for both our reviews is below. Oxitec is proposing to put 3 adult traps near any tet source within 1 km. Mike's initial take was we'd need to tighten this language if we keep it in, but I was surprised they'd suggested a 1 km monitoring area. Let's discuss more before the Oxitec meeting this Thursday—you'll see an invite from me soon.

“Subject to EPA guidance, Oxitec may also install additional BG traps in the vicinity of potential environmental tetracycline sources within 1 km of release locations (e.g. sewage treatment plants, up to 3 BG traps per source), specifically to monitor for the presence of adult female OX5034. Given that the potential environmental sources of tetracyclines are extremely unlikely to result in the survival of OX5034 female adults (Oxitec Ltd; MRID 50889415, 2019; Oxitec Ltd; MRID 51718604, 2021), the likelihood of finding a surviving OX5034 adult female is negligible. However, to ensure sensitive detection capable of detecting extremely unlikely events, PCR-based screening of all adult female *Aedes aegypti* from these traps may be used.”

Thanks,

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